

Title (en)
Solar collector.

Title (de)
Solarkollektor.

Title (fr)
Capteur solaire perfectionné.

Publication
EP 0384839 B1 19940427 (FR)

Application
EP 90400485 A 19900221

Priority
FR 8902329 A 19890223

Abstract (en)
[origin: EP0384839A1] The collector consists of a roof-shaped hull (1) serving as support for a front panel (2) and a rear panel (3), of elongate rectangular form and of the same dimensions as the faces of the said hull (1), and on which panels are mounted photovoltaic cells or other means of collecting solar energy, and whose longitudinal upper boundaries are articulated on an axis of rotation coinciding with the ridge edge (HH') of the hull (1), the said hull (1) forming, together with its support, an assembly which, when manoeuvred by azimuthal orienting mechanisms, can rotate about a vertical axis (VV'). <??>This solar collector is also equipped with two different orienting systems: - The first system, operating in azimuth, enables the mobile assembly to rotate about its vertical axis (VV') whilst maintaining its flat solar collector facing the sun. - The second system, operating in elevation, enables the collectors of the front (2) and rear (3) panels to rotate about their common horizontal axis (HH') whilst both retaining inclinations normal to the solar rays. This latter orienting system constitutes the main improvement made by the present invention to this solar collector device. <IMAGE>

IPC 1-7
H01L 31/042; **H01L 31/045**; **F24J 2/52**

IPC 8 full level
F24J 2/40 (2006.01); **F24J 2/52** (2006.01); **F24J 2/54** (2006.01); **H01L 31/042** (2006.01); **H02S 20/32** (2014.01); **H02S 30/20** (2014.01)

CPC (source: EP US)
F24S 25/15 (2018.04 - EP US); **F24S 30/452** (2018.04 - EP US); **F24S 50/60** (2018.04 - EP US); **H02S 20/32** (2014.12 - EP US); **H02S 30/20** (2014.12 - EP US); **F24S 25/13** (2018.04 - EP US); **F24S 40/85** (2018.04 - EP US); **F24S 2030/115** (2018.04 - EP US); **F24S 2030/145** (2018.04 - EP US); **F24S 2030/16** (2018.04 - EP US); **F24S 2030/19** (2018.04 - EP US); **Y02B 10/10** (2013.01 - EP US); **Y02B 10/20** (2013.01 - EP US); **Y02E 10/47** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP)

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Designated contracting state (EPC)
AT BE CH DE DK ES GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0384839 A1 19900829; **EP 0384839 B1 19940427**; AT E105110 T1 19940515; AU 5013690 A 19900830; AU 623226 B2 19920507; CA 2010708 A1 19900823; CA 2010708 C 19940920; DE 69008391 D1 19940601; DE 69008391 T2 19941117; ES 2055876 T3 19940901; FR 2643510 A1 19900824; FR 2643510 B1 19940225; JP H02249281 A 19901005; OA 09165 A 19920331; US 5022929 A 19910611

DOCDB simple family (application)
EP 90400485 A 19900221; AT 90400485 T 19900221; AU 5013690 A 19900223; CA 2010708 A 19900222; DE 69008391 T 19900221; ES 90400485 T 19900221; FR 8902329 A 19890223; JP 4134790 A 19900223; OA 59742 A 19900223; US 48319090 A 19900222